



STATE OF MINNESOTA  
OFFICE OF THE ATTORNEY GENERAL

US EPA RECORDS CENTER REGION 5



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ADDRESS REPLY TO:  
OFFICE OF THE ATTORNEY GENERAL  
MINNESOTA POLLUTION CONTROL AGENCY  
1935 W. COUNTY ROAD B2  
ROSEVILLE, MINNESOTA 55113  
(612) 296-7342

March 2, 1981

Ms. Melanie Toepfer  
U.S. Environmental Protection Agency  
5EWHME  
230 Dearborn  
Chicago, Illinois 60604

Re: United States vs. Reilly Tar and Chemical Corp.  
Court File No. Civil 4-80-469

Dear Melanie:

We were pleased to receive official word on Wednesday that St. Louis Park had been designated for the reallocated EPA funding. We will be talking to Rich Bartelt next week about the mechanics of putting the funds into action.

I checked with Rick about the \$9 million Hickok estimate for the Well 15 Treatment Plant. Rick did not receive and doesn't expect at this stage of the project to be receiving a written estimate.

Enclosed are the first two pages of the Department of Health/Pollution Control Agency budget requests concerning additional funding for the State's 1982 fiscal year efforts in St. Louis Park. The remaining pages are duplicative of the State's request to the Office of Superfund and have been omitted.

As we discussed on Tuesday, I am expecting from you copies of a draft consent decree, a listing of other sources to be investigated, your outline on hardware needs for the Reilly project and the background document used in the EPA rulemaking.

Thanks for keeping us informed.

Very truly yours,

STEPHEN SHASKAN  
Special Assistant  
Attorney General

SS:mah  
cc: Rick Ferguson

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DEPARTMENT HEALTH  
POLLUTION CONTROL AGENCY

Office Memorandum  
**RECEIVED**  
FEB 11 1981

**ATTORNEY GENERAL**  
DATE: February 6, 1981

TO : Wayne Burggraaff, Commissioner  
Department of Finance

FROM : George R. Pettersen, M.D. *GRP*  
Commissioner of Health  
Louis Breimhurst, Executive Director *MB*  
Pollution Control Agency  
SUBJECT: St. Louis Park Groundwater Contamination

PHONE:

This memo is a continuation of our earlier discussions concerning additional funding during Fiscal Year 1982 (7/81-6/82) for further efforts in St. Louis Park to assess and mitigate the extent and magnitude of groundwater contamination by coal-tar and creosote wastes. Our agencies have worked jointly on this project for several years and have received valuable assistance from the U. S. Geological Survey and the City of St. Louis Park. After investing a great deal of time and effort, a combined approach for the next biennium has been designed with due consideration for budgetary predicaments and protection of the public's health.

The responsibilities assigned to the MDH involve continued well abandonment efforts, concentrating on two wells on the former Republic Creosote site. Both wells are deep (over 900 feet), multiaquifer wells which appear to have been major avenues of contamination of the bedrock aquifers supplying St. Louis Park. One well is known to be plugged with coal-tar at 590 feet, while the other is filled with debris. As part of our investigative efforts, these wells will be examined, evaluated, and sampled (\$152,600). Abandonment of private wells that serve as conduits for contaminant transport will be continued at the current rate of effort (\$34,800). The Department is also budgeting \$5,000 for sample preservation, important for litigative purposes and analysis of other constituents as the analytic capability is developed. It should be made clear that no State funds will be used to abandon wells on public property, but only for abandonment of wells on private property. All tasks total \$192,400.

The responsibilities assumed by the MPCA involve continued groundwater sampling to monitor contaminant movement (\$59,000), construction of three key monitoring wells (\$45,000), and installation of wells in a buried bedrock valley that may also prove to be a major pathway of contaminants entering deeper bedrock aquifers (\$30,000). The total Agency package is \$134,000.

The funds, if appropriated, may potentially be recovered from litigative efforts that have been under way since 1978 and joined by the United States in September, 1980. In addition, these funds and past expenditures may serve as a State required 10% match to the Federal "Superfund" monies that would be utilized for mitigative and remedial actions.

The entire program totals \$326,400 and represents a continuation of our joint investigatory and monitoring efforts and will provide needed information for the continuation and development of remedial programs.

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FISCAL YEAR 1982 PROPOSED EXPENDITURES  
ST. LOUIS PARK GROUNDWATER CONTAMINATION

TASK DESCRIPTION

COST ESTIMATES

On-Site Wells Investigation (MDH)

- |   |           |
|---|-----------|
| 1) Evaluate extent of contamination in site supply well by coring and sampling.   | \$ 38,800 |
| Placement of adjacent well to determine extent of contaminants around supply well and to serve as a recovery well during cleanup. | 74,400    |
| 2) Remove debris from site drainage well, evaluate condition of the well, and sample the well.                                    | 39,400    |

Off-Site Well Abandonment (MDH)

- |   |        |
|---|--------|
| 1) Complete a final inventory of wells and continue current well abandonment efforts of multiaquifer wells. | 34,800 |
|---|--------|

Sample Preservation (MDH)

- |   |       |
|---|-------|
| 1) Preserve existing and new samples in glass ampoules. | 5,000 |
|---|-------|

Groundwater Monitoring (MPCA)

- |   |        |
|---|--------|
| 1) Sample existing private, municipal, and monitoring wells in the Prairie du Chien aquifer to track contaminant movement and behavior. | 30,000 |
| 2) Sample monitoring wells in the Drift-Platteville aquifer to track contaminant movement and behavior.                                 | 29,000 |
| 3) Install three key wells in the Prairie du Chien aquifer to monitor contaminant movement and assess remedial measures.                | 45,000 |

Buried-Bedrock Valley Evaluation (MPCA)

- |   |        |
|---|--------|
| 1) Install three soil borings and three wells to determine the extent of contaminant movement down the valley into deeper aquifers. | 30,000 |
|---|--------|

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|--|-----|-----------|
|  | MDH | \$192,400 |
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|  |      |           |
|--|------|-----------|
|  | MPCA | \$134,000 |
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|--|--|-----------------|
|  |  | <hr/> \$326,400 |
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